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SCIENCE

Friday, October 27, 1911

CONTENTS

The Fundamental Properties of the Elements:	
PROFESSOR THEODORE W. RICHARDS	537
Science and Literature: Professor Sidney	
Gunn	550
The Number of Students to a Teacher in State Colleges and Universities: Professor	
C. H. HANDSCHIN	556
Scientific Notes and News	557
University and Educational News	560
Discussion and Correspondence:-	
Text-books and Reviewing: PROFESSOR T. D. A. COCKERELL. "Air in the Depths of the Ocean": PROFESSOR PERCY NORTON EVANS. The Influence of Heredity and En-	
vironment in Determining the Coat Colors in Mice: Professor C. C. Little	561
Quotations:— Congress of the Universities of the British Empire; Technical Judges	563
Scientific Books:— Knott's Life and Scientific Work of Peter Guthrie Tait: Professor Alexander Mac- farlane. Sherman's Chemistry of Food and Nutrition: Dr. H. S. Grindley. Zool- ogisches Addressbuch: Professor Charles	
ATWOOD KOFOID	565
The Pribilof Fur Seal Herd and the Prospects for its Increase: Dr. C. H. TOWNSEND	568
Botanical Notes:— Further Studies of the Coconut; "Peck's Reports"; The Forests of the Philippines; Plant Protection; Short Notes: Professor CHARLES E. BESSEY	57 0
Special Articles:— Phosphorus Metabolism during Early Cleavage of the Echinoderm Egg: L. F. SHACK-	
ELL. Observations on the Inheritance of	
Characters in Zea mays Linn.: Dr. J.	E 190

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FARADAY LECTURE 1 THE FUNDAMENTAL PROPERTIES OF THE ELEMENTS

We meet to-night to honor the memory of Michael Faraday. It is fitting that we should come to this historic place; for here were his home and his laboratory, and in this room he lectured. Science is one of the great influences promoting the solidarity of mankind; it is world-embracing, and recognizes no bounds of nationality. Faraday's work especially was a message to the whole world, and has grown into a priceless heritage for all humanity. Therefore. from time to time the generous guardians of this famous lectureship have called chemists and physicists from many lands to honor his unique genius. England, Germany, France, Italy, Russia have all sent eminent representatives; and now from across the sea there comes a pilgrim who is proud indeed to bring the homage of the new world to this shrine of cherished mem-The many ties which bind together our two nations add especial pleasure to the fulfilment of the trust.

The mystery that enshrouds the ultimate nature of the physical universe has always stimulated the curiosity of thinking man. Of old, philosophers sought to solve the cosmic problem by abstract reasoning, but to-day we agree that the only hope of penetrating into the closely guarded secret lies in the precise estimation of that which is tangible and visible. Knowledge of the

¹Delivered before the fellows of the Chemical Society in the theater of the Royal Institution, on Wednesday, June 14, 1911. Printed in the Journal of the Chemical Society, Vol. 99, p. 1201, 1911. See also Proceedings of the Chem. Soc. Vol. 27, p. 177, 1911.